

#5

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Date of Deposit:

Attorney Docket No. 21402-245 (CURA-545)



COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF USING THE SAME

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
Bradford C. Blaise	47,429	Barry J. Marenberg	40,715
Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
David F. Crosby	36,400	Michel Morency	P-50,183
Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Applicants: Padigaru et al.
Attorney Docket: 21402-245 (Cura 545)

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

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Applicants: Padigaru *et al.*
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Attorney Docket: 21402-245 (Cura 545)

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Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

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Inventor's Signature: Mark Rothenberg
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Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

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Inventor's Signature: Catherine E. Burgess
Full Name of Inventor: Catherine E. Burgess
Citizenship: United States
Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109
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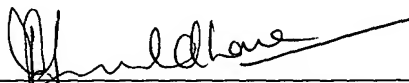
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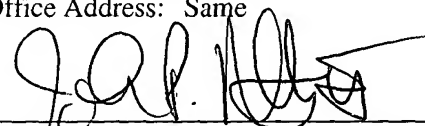
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Inventor's Signature: Muralidhara Padigaru
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5/7/02

Date



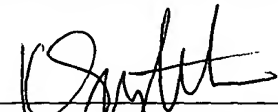
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Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)


Inventor's Signature: Shlomit Edinger

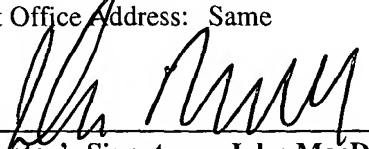
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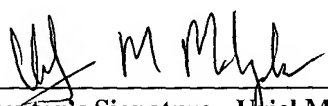
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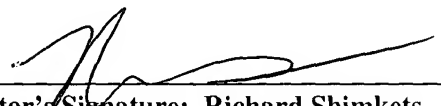
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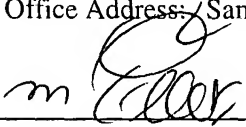
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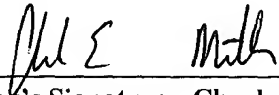
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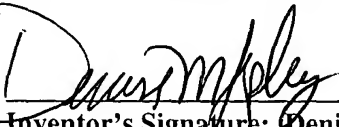
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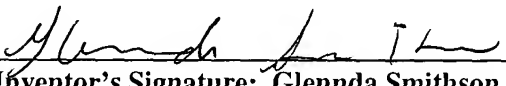
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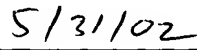
5-6-02

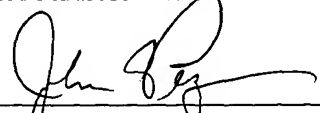
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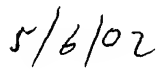

Inventor's Signature: Jason Baumgartner
Full Name of Inventor: Jason C. Baumgartner
Citizenship: United States
Residence: 1697 Quinnipiac Avenue, New Haven, CT 06513
Post Office Address: Same

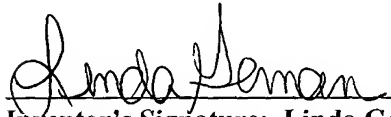

Date

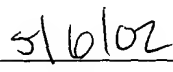

Inventor's Signature: John Herrmann
Full Name of Inventor: John L. Herrmann, Ph.D.
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Inventor's Signature: John Peyman
Full Name of Inventor: John A. Peyman, Ph.D.
Citizenship: United States
Residence: 336 West Rock Avenue, New Haven, CT 06515
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Date

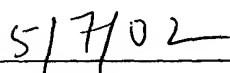

Inventor's Signature: Linda Gorman
Full Name of Inventor: Linda Gorman
Citizenship: United States
Residence: 329 Monticello Dr. Branford, CT 06405
Post Office Address: Same


Date

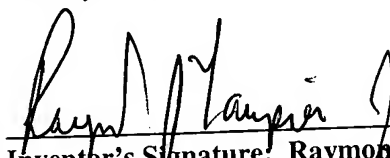

Inventor's Signature: Peter Mezes
Full Name of Inventor: Peter D. Mezes, Ph.D.
Citizenship: Canada
Residence: 7 Clark's Lane, Old Lyme, CT 06371
Post Office Address: Same


Date


Inventor's Signature: Ramesh Kekuda
Full Name of Inventor: Ramesh Kekuda
Citizenship: India
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Post Office Address: Same

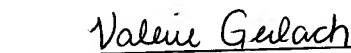

Date

71 Aiken St; R3, Norwalk,
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Inventor's Signature: Raymond J. Taupier, Jr.
Full Name of Inventor: Raymond J. Taupier, Jr.
Citizenship: United States
Residence: 34 Pardee Place Ed., East Haven, CT 06512
Post Office Address: Same

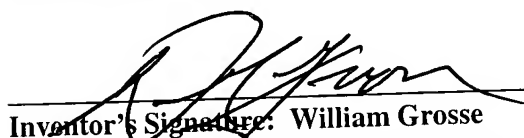
5/07/02

Date


Inventor's Signature: Valerie Gerlach
Full Name of Inventor: Valerie Gerlach
Citizenship: United States
Residence: 18 Rock Pasture Road, Branford, CT 06405
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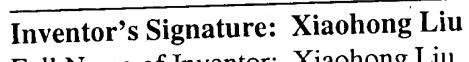
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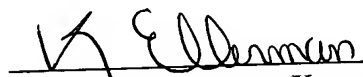

Inventor's Signature: William Grosse
Full Name of Inventor: William M. Grosse
Citizenship: United States
Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06405
Post Office Address: Same

5/02/02

Date

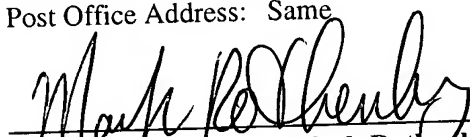

Inventor's Signature: Xiaohong Liu
Full Name of Inventor: Xiaohong Liu
Citizenship: United States
Residence: c/o Ying Chen, 164 North Street, Lexington, MA 02420
Post Office Address: Same

Date


Inventor's Signature: Karen Ellerman
Full Name of Inventor: Karen Ellerman, Ph.D.
Citizenship: United States
Residence: 87 Montoya Drive, Branford, CT 06405
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5/6/02

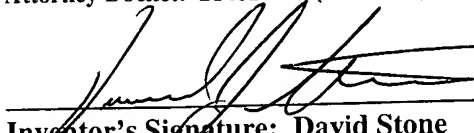
Date


Inventor's Signature: Mark Rothenberg
Full Name of Inventor: Mark Rothenberg
Citizenship: United States
Residence: 2 Allen Road, Clinton, CT 06413
Post Office Address: Same

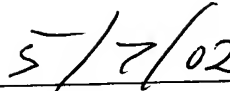
5/6/02

Date

Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)



Inventor's Signature: David Stone



Date

Full Name of Inventor: David J. Stone
Citizenship: United States
Residence: 223 Whitehorn Drive, Guilford, CT 06437
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Inventor's Signature: Catherine E. Burgess



Date

Full Name of Inventor: Catherine E. Burgess
Citizenship: United States
Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109
Post Office Address: Same



Express Mail Label No.
Date of Deposit:



Attorney Docket No. 21402-245 (CURA-545)

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

**PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
USING THE SAME**

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. <i>(U.S.S.N.)</i>	Filing Date <i>(dd/mm/yy)</i>	Status <i>(Patented, Pending, Abandoned)</i>
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60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
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60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
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Christopher J. Cuneo	42,450	Carol H. Peters	45,010
Brian C. Dauphin	40,983	Matthew Pavao	P-50,572
Brett N. Dorny	35,860	David Poirier	43,007
Marianne Downing	42,870	Michael Renaud	44,299
Ivor R. Elrifi	39,529	Brian Rosenbloom	41,276
Heidi A. Erlacher	45,409	Robert J. Sayre	42,124
John M. Garvey	37,833	C. Eric Schulman	43,350
James G. Gatto	32,694	Gregory J. Sieczkiewicz	48,223
Richard Gervase	46,725	Thomas M. Sullivan	39,392
Matthew J. Golden	35,161	Janine Susan	46,119
Sonia K. Guterman	44,729	Nicholas P. Triano III	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747.

Please address all correspondence to:

Ivor R. Elrifi
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
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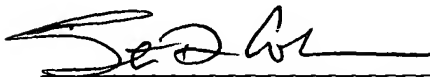
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Inventor's Signature: Muralidhara Padigaru
Full Name of Inventor: Muralidhara Padigaru, Ph.D.
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Inventor's Signature: Steven D. Colman
Full Name of Inventor: Steven D. Colman, Ph.D.
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Full Name of Inventor: Kimberly A. Spytek
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Inventor's Signature: Ferenc Boldog

Date

Full Name of Inventor: Ferenc L. Boldog, Ph.D.

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Inventor's Signature: Corine Vernet

Date

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Inventor's Signature: Li Li

Date

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Post Office Address: Same

Inventor's Signature: Suresh Shenoy

Date

Full Name of Inventor: Suresh G. Shenoy, Ph.D.

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Inventor's Signature: Stacie Casman

Date

Full Name of Inventor: Stacie J. Casman

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Inventor's Signature: Xiaojia (Sasha) Guo

Date

Full Name of Inventor: Xiaojia (Sasha) Guo

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Inventor's Signature: John MacDougall
Full Name of Inventor: John R. MacDougall, Ph.D.
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Full Name of Inventor: Uriel M. Malyankar
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Inventor's Signature: Richard Shimkets
Full Name of Inventor: Richard A. Shimkets, Ph.D.
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Inventor's Signature: Carol E. A. Pena
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Inventor's Signature: Velizar T. Tchernev
Full Name of Inventor: Velizar T. Tchernev, Ph.D.
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Full Name of Inventor: Bryan D. Zerhusen, Ph.D.
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Date

Inventor's Signature: Isabelle Millet
Full Name of Inventor: Isabelle Millet
Citizenship: France
Residence: 74 Carrington Avenue, Milford, CT 06460
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Date

Inventor's Signature: Charles Miller
Full Name of Inventor: Charles E. Miller
Citizenship: United States
Residence: 98 Saddle Hill Drive, Guilford, CT 06437
Post Office Address: Same

Date

Inventor's Signature: Denise Lepley
Full Name of Inventor: Denise M. Lepley, Ph.D.
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Date

Inventor's Signature: Glenda Smithson
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Date

Inventor's Signature: Jason Baumgartner
Full Name of Inventor: Jason C. Baumgartner
Citizenship: United States
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Post Office Address: Same

Date

Inventor's Signature: John Herrmann
Full Name of Inventor: John L. Herrmann, Ph.D.
Citizenship: United States
Residence: 78 Barnshed Lane, Guilford, CT 06437
Post Office Address: Same

Date

Inventor's Signature: John Peyman
Full Name of Inventor: John A. Peyman, Ph.D.
Citizenship: United States
Residence: 336 West Rock Avenue, New Haven, CT 06515
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Date

Inventor's Signature: Linda Gorman
Full Name of Inventor: Linda Gorman
Citizenship: United States
Residence: 329 Monticello Dr. Branford, CT 06405
Post Office Address: Same

Date

Inventor's Signature: Peter Mezes
Full Name of Inventor: Peter D. Mezes, Ph.D.
Citizenship: Canada
Residence: 7 Clark's Lane, Old Lyme, CT 06371
Post Office Address: Same

Date

Inventor's Signature: Ramesh Kekuda
Full Name of Inventor: Ramesh Kekuda
Citizenship: India
Residence: 1213 Avalon Valley Drive, Danbury, CT 06810
Post Office Address: Same

Date

Inventor's Signature: Raymond J. Taupier, Jr.
Full Name of Inventor: Raymond J. Taupier, Jr.
Citizenship: United States
Residence: 34 Pardee Place Ed., East Haven, CT 06512
Post Office Address: Same

Date

Inventor's Signature: Valerie Gerlach
Full Name of Inventor: Valerie Gerlach
Citizenship: United States
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Post Office Address: Same

Date

Inventor's Signature: William Grosse
Full Name of Inventor: William M. Grosse
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Residence: 15 Rice Terrace Road, Apt. C, Branford, CT 06405
Post Office Address: Same

Date

Inventor's Signature: Xiaohong Liu
Full Name of Inventor: Xiaohong Liu
Citizenship: United States
Residence: c/o Ying Chen, 164 North Street, Lexington, MA 02420
Post Office Address: Same

Date

Inventor's Signature: Karen Ellerman
Full Name of Inventor: Karen Ellerman, Ph.D.
Citizenship: United States
Residence: 87 Montoya Drive, Branford, CT 06405
Post Office Address: Same

Date

Inventor's Signature: Mark Rothenberg
Full Name of Inventor: Mark Rothenberg
Citizenship: United States
Residence: 2 Allen Road, Clinton, CT 06413
Post Office Address: Same

Date

Applicants: Padigaru *et al.*
Attorney Docket: 21402-245 (Cura 545)

Inventor's Signature: David Stone
Full Name of Inventor: David J. Stone
Citizenship: United States
Residence: 223 Whitehorn Drive, Guilford, CT 06437
Post Office Address: Same

Date

Inventor's Signature: Catherine E. Burgess
Full Name of Inventor: Catherine E. Burgess
Citizenship: United States
Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109
Post Office Address: Same

Date

Express Mail Label No.
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**COMBINED DECLARATION AND POWER OF ATTORNEY
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As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

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PCT International Applications designating the United States:

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I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216

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Attorney Docket: 21402-245 (Cura 545)

Please address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747.

Please address all correspondence to:

Ivor R. Elrifi
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

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Full Name of Inventor: Muralidhara Padigaru, Ph.D.
Citizenship: India
Residence: 71 Hampton Park, Branford, CT 06405
Post Office Address: Same

Date

Inventor's Signature: John P. Alsobrook II
Full Name of Inventor: John P. Alsobrook II
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Date

Inventor's Signature: Steven D. Colman
Full Name of Inventor: Steven D. Colman, Ph.D.
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Date

Inventor's Signature: Kimberly A. Spytek
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Residence: 28 Court St., #1, New Haven, CT 06511
Post Office Address: Same

Date

Inventor's Signature: Ferenc Boldog

Date

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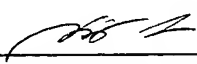
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Attorney Docket No. 21402-245 (CURA-545)



**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As below named inventors, we hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

**PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
USING THE SAME**

the specification of which was filed on **January 16, 2002**, assigned U.S. Serial No. **10/051,874** and bearing Attorney Docket No. 21402-245 (CURA-545).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. <i>(U.S.S.N.)</i>	Filing Date <i>(dd/mm/yy)</i>	Status <i>(Patented, Pending, Abandoned)</i>
60/261,376	16/01/01	Pending
60/268,595	14/02/01	Pending
60/325,306	27/09/01	Pending
60/262,587	18/01/01	Pending
60/272,409	28/02/01	Pending
60/262,454	18/01/01	Pending

Applicants: Padigaru *et al.*

Attorney Docket: 21402-245 (Cura 545)

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/345,202	09/11/01	Pending
60/265,530	31/01/01	Pending
60/276,777	16/03/01	Pending
60/291,672	17/05/01	Pending
60/330,336	18/10/01	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

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